09-18-06

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EXPRESS MAIL LABEL NO.: EV 565664762 US

Docket No.: 15436.253.66.1

SEP 15 2005 BUILDINGS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
	Hofmeister et al.)
Serial No.:	10/695,342) Art Uni
Filed:	October 28, 2003) 2828
Confirmation No.:	5604)
For:	TEMPERATURE AND JITTER COMPENSATION CONTROLLER CIRCUIT AND METHOD FOR FIBER OPTICS DEVICE)))
Examiner:	Dung T. Nguyen)

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is

presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed non-patent references or relevant portion thereof is also enclosed.

In accordance with 37 C.F.R. § 1.98(c), all English translations known by the undersigned to be within the possession, custody, control or availability of anyone designated in 37 C.F.R. § 1.56(c) of each non-English reference, if any, are also enclosed.

Since all listed references are either in the English language or are accompanied by a translation into English or an English language Abstract, no concise explanation of relevance is required under 37 C.F.R. § 1.98(a)(3).

Submission Fee Under 37 C.F.R. § 1.97(c)

In accordance with 37 C.F.R. § 1.97(c), payment in the amount of \$180.00, to cover the submission fee, is enclosed to secure consideration of the references submitted with this Information Disclosure Statement. Please credit any over payment or charge any additional fees to Deposit Account No. 23-3178 of the undersigned.

Dated this 1574 day of September, 2006.

Respectfully submitted,

Attorney for Applicants Registration No. 45,576

Customer No. 022913

Telephone No. 801-533-9800

PFM/gpm

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CERTIFICATE O	F MAILING BY "EX	PRESS MAIL" (37 CFR 1.10)	Doc	ket No.
Applicant(s): Hofmeis	ter et al.	, , ,	15436	.253.66.1
Application No.	Filing Date	Examiner	Customer No.	Group Art Unit
10/695,342	October 28, 2003	Dung T. Nguyen	022913	2828
TEMPERA OPTICS D		MPENSATION CONTROLLER CIR	CUIT AND MET	HOD FOR FIBER
thereby certify that t	the following corresponde	ence:		
I	re Statement (2 pgs); Forn Card Payment Form; and	m PTO-1449 (9 pgs); Transmittal Lette d postcard	er (2 pgs in duplica	ate); Copies of
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is being deposited w	ith the United States Pos	stal Service "Express Mail Post Office	to Addressee" s	ervice under 37
CFR 1.10 in an enve	elope addressed to: Com	missioner for Patents, P.O. Box 1450	, Alexandria, VA	22313-1450 on
	September 15, 2006			
		Gina Mo	eredith	
		(Typed or Printed Name of Person		lence)
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		(Signature of Person Mai	ling Correspondence)	
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TRANSMITTA		TION DISCLOSURE STA R 1.97(b) or 1.97(c))	ATEMENT	11	cket No. 5.253.66.1
In Re Application C	f: Hofmeister et al	SEP 1.5 2006 W			
Application No.	Filing Date	Exampler Exampler Thing T. Nguyen COMPENSATION CONTROL	Customer No.	Group Art Unit	Confirmation No.
10/695,342	October 28, 2003	Dung T. Nguyen	022913	2828	5604
Title: TEMPERA OPTICS DI	r ores in in or a spic	COMPENSATION CONTROL	LER CIRCUIT	AND METHOD	FOR FIBER
		Address to: Commissioner for Paten P.O. Box 1450 Alexandria, VA 22313-14			
		37 CFR 1.97(b)			
of a nation three mon application	nal application other ths of the date of en n; before the mailing	atement submitted herewith is be than a continued prosecution stry of the national stage as set of a first Office Action on the mest for continued examination un 37 CFR 1.97(c)	application und forth in 37 CF erits, or before	der 37 CFR 1.53 R 1.491 in an in the mailing of a	B(d); within iternational
2. Mathematical Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:					
☐ the	statement specified i	n 37 CFR 1.97(e);			
	OR				
OR ☑ the fee set forth in 37 CFR 1.17(p).					

TRA	TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))				I k	cket No. 6.253.66.1	
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			SEP 1 5 2006 III				
Appl	ication No.	Filing Date	Examine	er	Customer No.	Group Art Unit	Confirmation No.
10	/695,342	October 28, 2003	Examine T. Ng	uyen	022913	2828	5604
Title:	TEMPERA	TURE AND JITTER	COMPENSATION	CONTROL	LER CIRCUIT	AND METHOD	FOR FIBER
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.	Attorney f	or Applicants					
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Form PTO-1449 Sheet 1 of 9

Applicant:

Hofmeister, et al.

Serial No.:

10/695,342

Filing Date:

October 28, 2003

Att'y Docket No.: 15436.253.66.1

Group: 2828

For:

TEMPERATURE AND JITTER COMPENSATION CONTROLLER CIRCUIT

AND METHOD FOR FIBER OPTICS DEVICE



INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents

Examiner <u>Initial*</u>	Document Number	Issue Date	<u>Name</u>
1	4,359,553	11/16/1982	Edwards
2	4,378,451	03/29/1983	Edwards
3	4,687,924	08/18/1987	Galvin et al.
4	4,734,914	03/29/1988	Yoshikawa
5	4,747,091	05/24/1988	Doi
6	4,809,286	02/28/1989	Kollanyi et al.
7	4,916,707	04/10/1990	Rosenkranz
8	4,932,038	06/05/1990	Windus
9	5,019,769	05/28/1991	Levinson
10	5,039,194	08/13/1991	Block et al.
11	5,041,491	08/20/1991	Turke et al.
12	5,268,949	12/07/1993	Watanabe et al.
13	5,287,375	02/1994	Fujimoto
14	5,334,826	08/02/1994	Sato et al.
15	5,383,208	01/17/1995	Queniat et al.

Date Considered:

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant:

Hofmeister, et al.

Serial No.:

Examiner:

10/695,342

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Att'y Docket No.: 15436.253.66.1

Group: 2828

For:

TEMPERATURE AND JITTER COMPENSATION CONTROLLER CIRCUIT

AND METHOD FOR FIBER OPTICS DEVICE

16	5,392,273	02/21/1995	Masaki et al.
17	5,396,059	03/07/1995	Yeates
18	5,448,629	09/05/1995	Bosch et al.
19	5,516,563	05/14/1996	Schumann et al.
20	5,557,437	09/17/1996	Sakai et al.
21	5,574,435	11/12/1996	Mochizuki
22	5,594,748	01/14/1997	Jabr
23	5,604,758	02/1997	AuYeung et al.
24	5,673,282	09/30/1997	Wurst
25	5,748,672	05/1998	Smith et al.
26	5,761,216	06/02/1998	Sotome et al.
27	5,801,866	09/01/1998	Chan et al.
28	5,812,572	09/22/1998	King et al.
29	5,854,704	12/29/1998	Grandpierre
30	5,926,303	07/20/1999	Giebel et al.
31	5,953,690	09/14/1999	Lemon et al.
32	5,956,168	09/21/1999	Levinson et al.
33	5,966,395	10/1999	Ikeda
34	6,055,252	04/2000	Zhang

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Date Considered:

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Applicant:

Hofmeister, et al.

Serial No.:

10/695,342

Att'y Docket No.: 15436.253.66.1

Filing Date: For:

October 28, 2003 TEMPERATURE AND JITTER COMPENSATION CONTROLLER CIRCUIT

Group: 2828

AND METHOD FOR FIBER OPTICS DEVICE

Examiner:		Date Considered:	
53	6,594,050	07/2003	Jannson et al.
52	6,570,149	05/2003	Maruyama et al.
51	6,526,076	02/2003	Cham et al.
50	6,519,255	02/2003	Graves
49	6,512,617	01/28/2003	Tanji et al.
48	6,473,224	10/29/2002	Dugan et al.
47	6,423,963	07/23/2002	Wu
46	6,313,459	11/2001	Hoffe et al.
45	6,292,497	09/2001	Nakano
44	6,256,127	07/03/2001	Taylor
43	6,229,788	05/2001	Graves et al.
42	6,222,660	04/24/2001	Traa
41	6,205,505	03/20/2001	Jau et al.
40	6,198,558	03/2001	Graves et al.
39	6,188,059	02/13/2001	Nishlyama et al.
38	6,175,434	01/2001	Feng
37	6,160,647	12/12/2000	Gilliland et al.
36	6,157,022	12/05/2000	Meada et al.
35	6,064,501	05/16/2000	Roberts et al.

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Applicant:

Hofmeister, et al.

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Group: 2828

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TEMPERATURE AND JITTER COMPENSATION CONTROLLER CIRCUIT

AND METHOD FOR FIBER OPTICS DEVICE

54	6,631,146	10/07/2003	Pontis et al.
55	6,643,472	11/2003	Sakamoto et al.
56	6,661,836	12/2003	Dalal et al.
57	6,694,462	02/2004	Reis et al.
58	6,748,181	06/2004	Miki et al.
59	6,937,949	08/30/2005	Fishman et al.
60	6,941,077	09/06/2005	Aronson et al.
61	6,952,531	10/04/2005	Aronson et al.
62	7,020,567	03/28/2006	Fishman et al.
63	7,058,310	06/06/2006	Aronson et al.

U.S. Published Patent Application Documents

Examiner <u>Initial*</u>	Document Number	Pub. <u>Date</u>	Name
64	2001/0046242	11/29/2001	Kawakami et al.
65	2001/0046243	11/29/2001	Schie
66	2002/0021468	02/21/2002	Kato et al.
67	2002/0027688	03/07/2002	Stephenson
68	2002/0060824	05/23/2002	Liou et al.

Examiner: Date Considered:

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Applicant:

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Group: 2828

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TEMPERATURE AND JITTER COMPENSATION CONTROLLER CIRCUIT

AND METHOD FOR FIBER OPTICS DEVICE

69	2002/0097468	07/25/2002	Mecherle et al.
70	2002/0101641	08/2002	Kurchuk
71	2002/0105982	08/2002	Chin et al.
72	2002/0129379	09/2002	Levinson et al.
73	2002/0149821	10/17/2002	Aronson et al.
74	2002/0181519	12/2002	Vilhelmsson et al.
75	2002/0181894	12/05/2002	Gilliand et al.
76	2003/0053170	03/2003	Levinson et al.
77	2003/0110509	06/2003	Levinson et al.
78	2003/0113118	06/19/2003	Bartur
79	2003/0169790	09/11/2003	Chieng et al.
80	2003/0210917	11/13/2003	Stewart et al.
81	2004/0076113	04/22/2004	Aronson et al.
82	2004/0120720	06/24/2004	Chang et al.
83	2004/0153913	08/05/2004	Fishman et al.
84	2004/0202210	10/14/2004	Thornton
85	2004/0240886	12/02/2004	Aronson et al.
86	2004/0253003	12/2004	Farmer et al.
87	2005/0031352	02/10/2005	Light et al.
Examiner:		Date Considered:	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Applicant:

Hofmeister, et al.

Serial No.: Filing Date:

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Group: 2828

For:

TEMPERATURE AND JITTER COMPENSATION CONTROLLER CIRCUIT

AND METHOD FOR FIBER OPTICS DEVICE

88	2005/0058455	03/17/2005	Hosking et al.
	Fore	eign Patent Documents	
Examiner <u>Initial</u> *	Document Number	Publication <u>Date</u>	Country or Patent Office
89	JP 402102589 A	04/16/1990	Japan
90	JP 404023373 A	01/1992	Japan
91	06209209 A	07/26/1994	Japan (Abstract)
92	09162811 A	06/20/1997	Japan (Abstract)
93	WO 98/00893	01/08/1998	PCT
94	WO 98/00943	08/01/1998	PCT
95	EP0745868B1	04/17/2002	EPO
96	PCT/US02/03226	05/09/2002	PCT (search report)
97	WO 02/063800 A1	08/15/2002	PCT
98	EP 02704344	10/05/2004	EPO (search report)
99	EP 04017254	10/05/2004	EPO (search report)
100	WO/2004/098100	11/11/2004	PCT
101	PCT/US04/11130	10/12/2004	Search Report
102	EP 1471671 A2	12/27/2004	EPO

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Examiner:	Date Considered:

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 Sheet 7 of 9 Hofmeister, et al. Applicant: Serial No.: 10/695,342 Att'y Docket No.: 15436.253.66.1 October 28, 2003 Filing Date: Group: 2828 TEMPERATURE AND JITTER COMPENSATION CONTROLLER CIRCUIT For: AND METHOD FOR FIBER OPTICS DEVICE 103 JP 58140175 A (abstract) 08/19/1983 Japan 104 JP 62124576 A (abstract) 06/05/1987 Japan 105 JP 62235975 A (abstract) 10/16/1987 Japan 106 JP 62281485 A (abstract) 12/07/1987 Japan Other Documents (including author, title, pertinent pages, etc.) Examiner Initial* Yi Cai et al., "Jitter testing for gigabit serial communication transceivers," Jan – 107 Feb 2002, IEEE Design and Test of Computers, Vol. 19, Issue 1, pp 66-74. 108 MAEDA, Noriyuki "Notification of Reason(s) for Refusal," Japanese Patent Application No. JP2002-563630, Nakamura, M. et al., July 13, 2005. Finisar Corp., "App. Note AN-2025: Using the Finisar GBIC I²C Test Diagnostics 109 Port," 1998. Hausdorf, Reiner, "Mobile Transceiver Measurements with Radiocommunication 110 Service Monitor CMS," News from Rohde & Schwarz, 127, IV, 1989, pp 4-7. 111 Webopedia: The 7 Layers of the OSI Model [online] [retrieved 10/15/03]. Retrieved from Internet: URL: http://webopedia.internet.com/quick ref/OSI Layers.asp 112 Webopedia.com: Public-Key Encryption [online] [retrieved 10/15/03]. Retrieved from Internet: URL: http://www.webopedia.com/TERM/p/public key cryptography.html Examiner: Date Considered: *EXAMINER: Initial if reference considered, whether or not citation is in conformance with

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 Sheet 8 of 9 Hofmeister, et al. Applicant: Serial No.: 10/695,342 Att'y Docket No.: 15436.253.66.1 Filing Date: October 28, 2003 Group: 2828 TEMPERATURE AND JITTER COMPENSATION CONTROLLER CIRCUIT For: AND METHOD FOR FIBER OPTICS DEVICE Webopedia.com: MAC Address [online] [retrieved 10/15/03]. Retrieved from 113 Internet: URL: http://www.webopedia.com/TERM/M/MAC_address.html 114 Webopedia.com: 12C [online] [retrieved 11/11/03]. Retrieved from Internet: URL: http://www.webopedia.com/TERM/I/12C.html 115 Manchester Encoding [online] [retrieved 11/12/03]. Retrieved from Internet: URL: http://www.erg.abdn.ac.uk/users/gorry/course/phypages/man.html ___ 116 Documentation entitled "IR Receiver ASSP: T2525", copyright 2003 by Atmel Corporation Documentation entitled "IR Receiver for Data Communication: U2538B", 117 copyright 2003 by Atmel Corporation 118 Documentation entitled "Low-Voltage Highly Selective IR Receiver IC: T2527", copyright 2002 by Atmel Corporation 119 Documentation entitled "Application Note: T2525/26/27", copyright 2003 by Atmel Corporation 120 LXT16706/16707 SerDes Chipset, Intel Products, www.intel.com/design/network/products/optical/phys/1xt16706.htm, April 19, 2002. LXT35401 XAUI-to-Quad 3.2G Transceiver, Intel Products, 121 www.intel.com/design/network/products/optical/phys/1xt35401.htm, April 19, 2002 122 Texas Instruments User's Guide, TLK2201 Serdes EVM Kit Setup and Usage, Mixed Signal DSP Solutions, July 2000. Texas Instruments User's Guide, TLK1501 Serdes EVM Kit Setup and Usage, 123 Mixed Signal Products, June 2000. Date Considered: Examiner:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 Sheet 9 of 9

Applicant:

Hofmeister, et al.

Serial No.:

10/695,342

Att'y Docket No.: 15436.253.66.1

Filing Date:

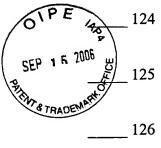
October 28, 2003

Group: 2828

For:

TEMPERATURE AND JITTER COMPENSATION CONTROLLER CIRCUIT

AND METHOD FOR FIBER OPTICS DEVICE



National Semiconductor DS92LV16 Design Guide, Serializing Made Simple,

February 2002.

Vaishali Semiconductor, Fibre Channel Transceiver, VN16117, MDSN-0002-02,

08/09/2001.

Fairchild Semiconductor, Application Note 77, CMOS, the Ideal Logic Family,

January 1983.

127 Analog Target Specification, Annex 48B, Published by IEEE New York, 05/2001,

pp. 6-14.

References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

GPM0000002495V001

Examiner:	Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.